

1320x
SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: Perkin-Elmer Corporation,
Applied Biosystems Division
- (ii) TITLE OF INVENTION: HYBRIDIZATION ASSAY USING SELF-
QUENCHING FLUORESCENCE PROBE
- (iii) NUMBER OF SEQUENCES: 14
- (iv) CORRESPONDENCE ADDRESS:
- (A) ADDRESSEE: David J. Weitz,
Haynes & Davis
- (B) STREET: 2180 Sand Hill Road, Suite 310
- (C) CITY: Menlo Park
- (D) STATE: California
- (E) COUNTRY: USA
- (F) ZIP: 94025-6935
- (v) COMPUTER READABLE FORM:
- (A) MEDIUM TYPE: 3.5 inch diskette
- (B) COMPUTER: IBM compatible
- (C) OPERATING SYSTEM: Microsoft Windows 3.1/DOS 5.0
- (D) SOFTWARE: Wordperfect for windows 6.0,
ASCII (DOS) TEXT format
- (vi) CURRENT APPLICATION DATA:
- (A) APPLICATION NUMBER:
- (B) FILING DATE:
- (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
- (A) APPLICATION NUMBER: 08/340,558
- (B) FILING DATE: 16-NOV-94
- (viii) ATTORNEY/AGENT INFORMATION:
- (A) NAME: David J. Weitz
- (B) REGISTRATION NUMBER: 38,362
- (C) REFERENCE/DOCKET NUMBER: PELM4264CIP2
- (ix) TELECOMMUNICATION INFORMATION:
- (A) TELEPHONE: (415) 233-0188
- (B) TELEFAX: (415) 233-1129

(2) INFORMATION FOR SEQ ID NO: 1:

- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 24 nucleotides



(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
ACCCACAGGA ACTGATCACC ACTC 24

(2) INFORMATION FOR SEQ ID NO: 2:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 26 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
ATGTCGCGTT CCGGCTGACG TTCTGC 26

(2) INFORMATION FOR SEQ ID NO: 3:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 27 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
TCGCATTACT GATCGTTGCC AACCAGT 27

(2) INFORMATION FOR SEQ ID NO: 4
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 31 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4
GTACTGGTTG GCAACGATCA GTAATGCGAT G 31

(2) INFORMATION FOR SEQ ID NO: 5
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 28 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5
CGGATTTGCT GGTATCTATG ACAAGGAT 28

(2) INFORMATION FOR SEQ ID NO: 6

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(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 31 nucleotides
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6
 TTCATCCTTG TCATAGATAC CAGCAAATCC G 31

(2) INFORMATION FOR SEQ ID NO: 7
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 25 nucleotides
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7
 TCACCCACAC TGTGCCCATC TACGA 25

(2) INFORMATION FOR SEQ ID NO: 8
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 25 nucleotides
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8
 CAGCGGAACC GCTCATTGCC AATGG 25

(2) INFORMATION FOR SEQ ID NO: 9
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 26 nucleotides
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9
 ATGCCCTCCC CCATGCCATC CTGCGT 26

(2) INFORMATION FOR SEQ ID NO: 10
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 30 nucleotides
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10
 AGACGCAGGA TGGCATGGGG GAGGGCATAC 30

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(2) INFORMATION FOR SEQ ID NO: 11
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 24 nucleotides
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11
 CGCCCTGGAC TTCGAGCAAG AGAT 24

(2) INFORMATION FOR SEQ ID NO: 12
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 28 nucleotides
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12
 CCATCTCTTG CTCGAAGTCC AGGGCGAC 28

(2) INFORMATION FOR SEQ ID NO: 13
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 21 nucleotides
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13
 CAAGCTTCCC GTTCTCAGCC T 21

(2) INFORMATION FOR SEQ ID NO: 14
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 30 nucleotides
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14
 ACCGTCAAGG CTGAGAACGG GAAGCTTGTC 30

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